



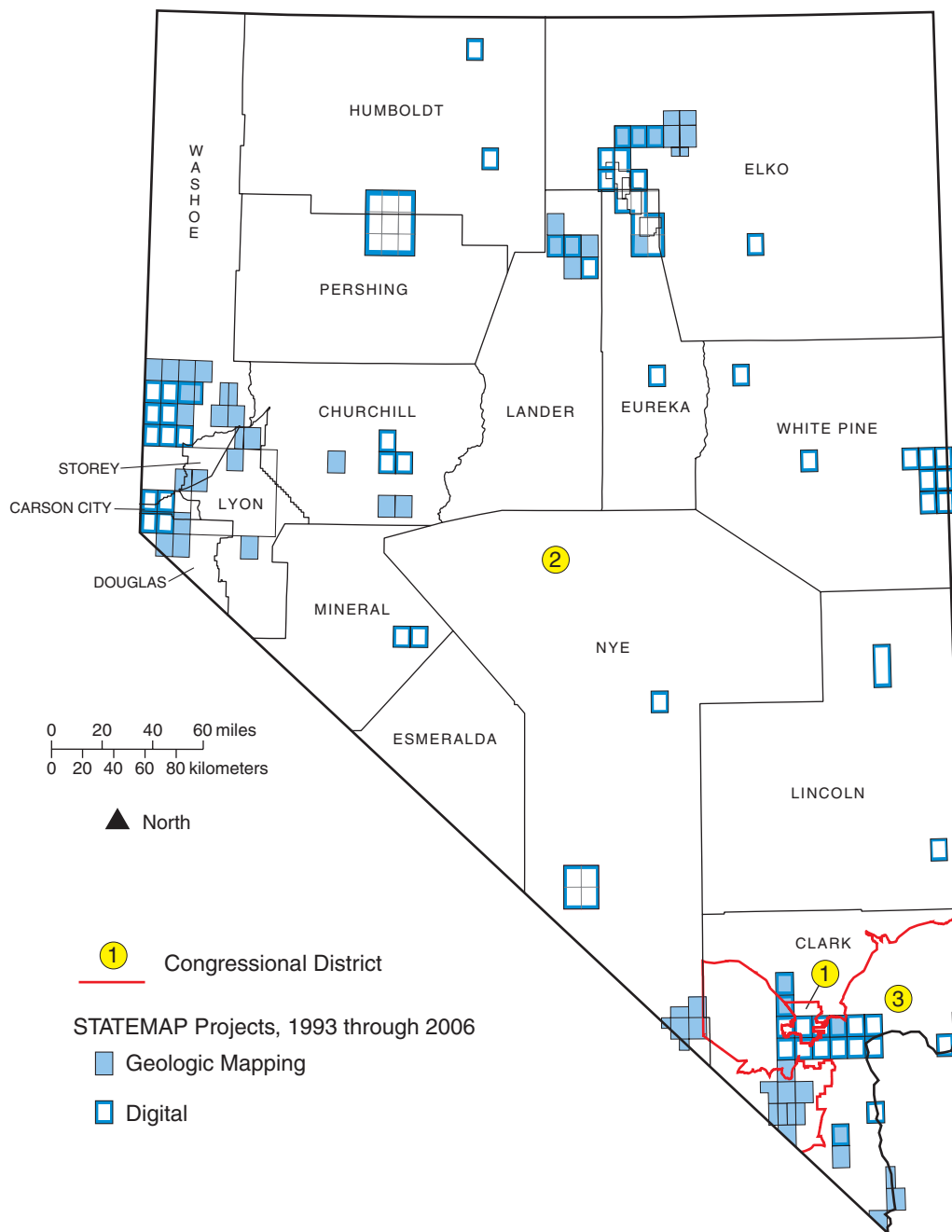
ASSOCIATION OF AMERICAN
STATE GEOLOGISTS

UNITED STATES
GEOLOGICAL SURVEY



National Cooperative Geologic Mapping Program

NEVADA



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SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN NEVADA

Las Vegas Area

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

Bird Spring (2004)	Hidden Valley (2004)	W ¹ / ₂ Mount Manchester (2003)	W ¹ / ₂ of Spirit Mtn SE (2004)
Corn Creek Springs (1997)	Horse Springs (2000)	Nelson SW (1998)	Sixmile Spring (2000)
Davis Dam (1999)	Iceberg Canyon (2001)	NE ¹ / ₄ Nopah Peak (2002)	E ¹ / ₂ of State Line Pass (2002)
NV part of Desert (2003)	Jean (2002)	Pahrump (1998)	NE ¹ / ₄ Stewart Valley (2002)
Frenchman Mountain (1994)	S ¹ / ₂ of Last Chance Range (2001)	Roach (2003)	Tule Springs Park (1996)
Goodsprings (2004)	W ¹ / ₂ McCullough Pass (2003)	Searchlight (2005)	

Digital versions of previously published 7.5-minute geologic quadrangle maps

Blue Diamond NE (2001)	Fire Mountain (2006)	Hoover Dam (2000)	Mount Davis (2002)
Blue Diamond SE (2001)	Frenchman Mountain (2002)	Las Vegas NE (2000)	Nelson SW (2006)
Boulder Beach (2000)	Government Wash (2006)	Las Vegas NW (2000)	Tule Springs Park (2001)
Callville Bay (2006)	Henderson (2000)	Las Vegas SE (2000)	
Corn Creek Springs (2001)	Hiller Mountains (2006)	Las Vegas SW (2000)	

Reno Area

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

Dogskin Mountain (2000)	Fraser Flat (1998)	McTarnahan Hill (1997)	Olinghouse (1993)	Sutcliffe (2001)
Fernley East (2004)	Gardnerville (1999)	Minden (2001)	E ¹ / ₂ Pah Rah Mtn (2003)	Tule Peak (1999)
W ¹ / ₂ of Fernley West (2005)	Griffith Canyon (1996)	W ¹ / ₂ of Moses Rock (1998)	Seven Lakes Mtn (2005)	Virginia City (2000)
Flowery Peak (2005)	Lahontan Mountains (2006)	W ¹ / ₂ of Nixon (2002)	Stockton Flat Well (2006)	Wadsworth (1993)
				Yerington (2000)

Digital versions of previously published 7.5-minute geologic quadrangle maps

Bedell Flat (2001)	Genoa (2001)	Marlette Lake (2001)	Reno (2000)	Verdi (2000)
Carson City (2001)	Glenbrook (2001)	New Empire (2006)	Reno NE (2000)	Vista (2000)
Fraser Flat (2006)	Granite Peak (2001)	W ¹ / ₂ of Moses Rock (2006)	Reno NW (2000)	

Digital versions of previously published 30x60-minute geologic quadrangle maps

Carson City (2001), 1:100,000 scale

Humboldt River Basin

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

Argenta (1999)	Emigrant Pass (1998)	NW ¹ / ₄ of Reed Station (2005)	Toe Jam Mountain (1997)
Bateman Spring (1999)	S ² / ₃ of Jacks Peak (2005)	Russells (2002)	Tuscarora (1997)
Battle Mountain (1997)	Mahala Creek West (2005)	NE ¹ / ₄ of Stampede Ranch (2005)	Water Pipe Canyon (2005)
S ² / ₃ of California Mountain (2005)	Mount Blitzen (1996)	Stony Point (1998)	

Digital versions of previously published 7.5-minute geologic quadrangle maps

Battle Mountain (2002)	Mount Blitzen (2001)	Toe Jam Mountain (2002)	Willow Creek Reservoir (2006)
Beaver Peak (2006)	Mule Canyon (2006)	Tuscarora (2001)	Willow Creek Reservoir SE (2006)
Big Bald Mountain (2006)	Stony Point (2002)		

Digital versions of Carlin trend maps

North Carlin trend (2003), 1:24,000 scale Maggie Creek district (2003), 1:18,000 scale North trend (2003), 1:6,000 scale

Other Areas

New geologic maps of 7.5-minute quadrangles at 1:24,000 scale

Bell Canyon, Churchill County (1995) Bell Mountain, Churchill County (1995)

Digital versions of previously published 7.5-minute geologic quadrangle maps

Bettles Well (2001)	Lamoille (2002)	Mount Moriah (2006)	Spring Mountain (2001)
Buckskin Mountain (2001)	Lime Mountain (2002)	Old Mans Canyon (2006)	The Cove (2006)
Delvada Spring (2001)	Little Horse Canyon (2006)	Pirouette Mountain (2001)	Third Butte East (2006)
Frazier Creek (2001)	Mina (2001)	Reveille (2001)	Wonder Mountain (2001)
Job Peak (2001)	Mormon Jack Pass (2006)	Robinson Summit (2001)	

Digital versions of other previously published 1:24,000-scale geologic maps

Bullfrog Hills (2002) Eugene Mountains (2002) Fairview Range (2002) Grassy Mountain (2002)

The STATEMAP part of the National Cooperative Geologic Mapping Program has helped Nevadans by significantly increasing the geographic coverage of detailed maps produced by the Nevada Bureau of Mines and Geology. Geologic mapping in the Las Vegas and Reno urban areas is focused primarily on issues related to growth and land management, including earthquake and flood hazards, land subsidence due to ground-water withdrawal, collapsing and expanding soils, landslides, ground-water protection, air quality, and raw materials for construction. Mapping of the Humboldt River basin provides key information on the origin of its precious metal deposits, which make Nevada the leading gold and silver producer in the U.S., and on the environmental and economic impacts of mining and climatic change. Planners, scientists, engineers, managers, policy makers, teachers, students, and members of the general public who are interested in the world around them use geologic maps. Only about 20% of Nevada's 1,980 7.5-minute quadrangles are adequately mapped with the detail that is needed for most applications.

STATEMAP FUNDING

Federal Fiscal Year	State Dollars	Federal Dollars	Total Project Dollars
93	20,519	20,000	40,519
94	21,746	20,000	41,746
95	15,113	10,000	25,113
96	126,444	123,780	250,224
97	261,357	152,410	413,767
98	258,917	139,424	398,341
99	175,175	115,500	290,675
00	135,520	111,210	246,730
01	216,702	196,289	412,991
02	220,825	213,597	434,422
03	184,860	183,231	368,091
04	203,225	171,583	374,808
05	172,489	135,032	307,521
06	234,966	205,172	440,138
	\$2,247,858	\$1,797,228	\$4,045,086